

CLAIMS

1. A method for managing configuration of a network in a management centre (14), said network having a plurality of target objects,
5 characterised in that it comprises:
 elaborating a model (12) of the network to be managed;
 identifying (32) a plurality of target objects to be configured in the network;
 validating (32) the changes to be made upon configuration of said
10 plurality of target objects;
and, if all changes have been validated:
 finding (34) a sequence of target routers that provides continuous connectivity to said management centre (14); and
 configuring (36) each of said target routers.
- 15 2. A method according to claim 1, characterised in that said model is based on the CIM (Common Information Model) schema.
3. A method according to claim 1 or 2, characterised in that said identification step (32) includes identifying direct target objects and indirect target objects.
- 20 4. A method according to claim 1, 2 or 3, characterised in that said validation step (32) includes checking the compliance of the changes to be made upon configuration with a predetermined set of rules.
5. A method according to any one of the preceding claims, wherein said network is an IP based mobile access network.
- 25 6. A computer program product, loadable into a computer, characterised in that it comprises software code portions for implementing the steps of a method according to any one of the preceding claims when said product is run on a computer.
7. An apparatus for managing configuration of a network in a
30 management centre (14), said network having a plurality of target objects, characterised in that it comprises:
 means for elaborating a model (12) of the network to be managed;

means for identifying a plurality of target objects to be configured in the network;

means for validating the changes to be made upon configuration of said plurality of target objects;

- 5 means for finding a sequence of target routers that provides continuous connectivity to said management centre (14); and
 means for configuring each of said target routers.

8. An apparatus according to claim 7, characterised in that said model is based on the CIM (Common Information Model) schema.

- 10 9. An apparatus according to claim 7 or 8, characterised in that said identification means are adapted to identify direct target objects and indirect target objects.

10. An apparatus according to claim 7, 8 or 9, characterised in that said validation means are adapted to check the compliance of the changes to
15 be made upon configuration with a predetermined set of rules.

 11. An apparatus according to any one of claims 7 to 10, wherein said network is an IP based mobile access network.